

DELAWARE CONSTRUCTION SPECIFICATION

SYNTHETIC FIBER REINFORCEMENT CS 36

1. SCOPE

The work shall consist of furnishing and placing synthetic fiber reinforcement for reinforced concrete.

2. MATERIALS

Synthetic fiber reinforcement shall conform to the requirements of ASTM Specification C-1116 Type III fiber. (Polypropylene)

3. PLACEMENT

Synthetic fiber reinforcement shall be added to the concrete mix at the batching plant.

4. RATE OF APPLICATION

Unless otherwise specified on the drawings, synthetic fiber reinforcement shall be applied to the concrete mix at between 0.75 and 3.0 pounds of synthetic fiber reinforcement per cubic yard of concrete.

5. CLUMPING

Synthetic fiber reinforcement has a tendency to form clumps in the wet concrete. Careful inspection of the concrete pour is needed to prevent the incorporation of clumps into the structure. All clumps shall be removed from the pour. Excessive clumping will be grounds for rejecting that batch of concrete.